

U.S. Appl. No. 10/816,038
Reply to Final Office Action dated August 17, 2006

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PATENT
450100-05008

OCT 02 2006

REMARKS/ARGUMENTS

Reconsideration and withdrawal of the rejections of the application are respectfully requested in view of the amendments and remarks herewith, which place the application into condition for allowance. The present amendment is being made to facilitate prosecution of the application.

I. STATUS OF THE CLAIMS AND FORMAL MATTERS.

Claims 1-5 are pending. Claims 1 and 3-5 are independent. Claims 1-5 are hereby amended. No new matter has been introduced. It is submitted that these claims, as originally presented, were in full compliance with the requirements of 35 U.S.C. §112. Changes to claims are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicant is entitled.

Claims 1 and 3-5 have been amended to incorporate that the shape of the folded figure is prescribed by a function $F(\theta)$, wherein the function $F(\theta)$ is represented by the equation,

$$F(\theta) = F(t) = \begin{cases} 4(y_p - y_q)(t - 0.5)^2 + y_q & (0.0 \leq t < 0.5) \\ 4(y_r - y_q)(t - 0.5)^2 + y_q & (0.5 \leq t < 1.0) \end{cases}$$

which was indicated as allowable.

Therefore, Applicant submits that independent claims 1 and 3-5 are patentable.

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CONCLUSION

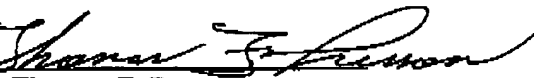
In view of the foregoing amendments and remarks, it is believed that all of the claims in this application are patentable and Applicant respectfully requests early passage to issue of the present application.

Please charge any additional fees that may be needed, and credit any overpayment, to our Deposit Account No. 50-0320.

Respectfully submitted,

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